

IKAROS REGULATORY ELEMENTS AND USES THEREOFAbstract of the Disclosure

5 The invention features Ikaros transcriptional control regions which include one or
more Ikaros regulatory elements. Such regulatory regions can be used, for example, to direct
expression of a sequence functionally unrelated to the Ikaros gene, e.g., a sequence encoding
a reporter molecule. The invention further features a transgenic animal having an Ikaros
10 transgene which includes an Ikaros transcriptional control region and a sequence functionally
unrelated to Ikaros, e.g., a sequence encoding a reporter molecule, and methods of using such
transgenic animals to evaluate hematopoietic development of an immune system component.

20162294.doc